

SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. § 1.116

Application No.: 09/808,015

Atty Docket No.: Q60826

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-4 (canceled).

Claim 5 (original): A production process for producing particulate titanium oxide, comprising subjecting a titanium tetrachloride diluted gas obtained by diluting titanium tetrachloride to from about 10% by volume or more to about 90% by volume or less with an inert gas to high temperature oxidation with an oxidizing gas containing oxygen or steam, or both, wherein the titanium tetrachloride diluted gas and the oxidizing gas, each preheated to about 900°C or more, are supplied into reaction tube at a flow rate of about 20 m/sec or more and allowed to react for a time of residence at high temperatures above about 700°C of about 3 seconds or less.

Claim 6 (original): The production process as claimed in claim 5, wherein use is made of a titanium tetrachloride diluted gas obtained by diluting titanium tetrachloride to about 20% by volume or more and about 80% by volume or less with an inert gas.

Claim 7 (original): The production process as claimed in claim 5, wherein the temperatures for preheating the titanium tetrachloride and the oxidizing gas are each about 1,000°C or more.

Claim 8 (original): The production process as claimed in claim 5, wherein the titanium tetrachloride diluted gas and oxidizing gas are supplied to the reaction tube through a coaxial

SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. § 1.116

Application No.: 09/808,015

Atty Docket No.: Q60826

parallel flow nozzle having an inner tube, the inner tube having an inner diameter of about 50 mm or less.

Claims 9-11 (canceled).